



SAFETY DATA SHEET

VIROCLEAN ALCOHOL HAND SANITIZER S-2019-CV, S-2019-VCP, S-2019-CVC

Page 1 of

Date Prepared: 04.06.20

Date Revised: 04.27.20

1. IDENTIFICATION

PRODUCT IDENTIFIER

Product Name - Viroclean Alcohol Hand Sanitizer

Other means of identification - S-2019-CV, S-2019-VCP, S-2019-CVC

Synonyms - Hand Sanitizer

DISTRIBUTOR ADDRESS

Indiana Correctional Industries

1110 South Vestal Drive

Plainfield, IN 46168

EMERGENCY TELEPHONE NUMBER

Emergency Phone Numbers for Transportation Emergencies, call Chemtrec: 1-800-424-9300

2. HAZARD IDENTIFICATION

CLASSIFICATION

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

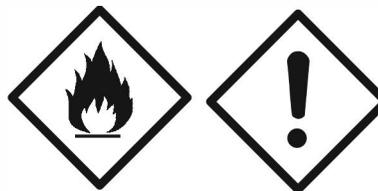
Flammable liquids	Category 2
Eye Irritation	Category 2A
Specific target organ toxicity	Category 3

Signal word - Warning

Hazard Statements

Highly flammable liquid and vapor

Causes serious eye irritation



Appearance: Clear, colorless

Physical State: Thin liquid

Odor: Alcohol

PRECAUTIONARY STATEMENTS - PREVENTION

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Keep container tightly closed.

PRECAUTIONARY STATEMENTS - RESPONSE

If on skin (or hair): Wash contaminated clothing before reuse.

In case of fire: Use dry chemical, carbon dioxide (CO2), foam, or water spray to extinguish.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool.

PRECAUTIONARY STATEMENTS - DISPOSAL

Dispose of contents in accordance with all applicable federal, state, and local regulations.

VIROCLEAN ALCOHOL HAND SANITIZER
S-2019-CV, S-2019-VCP, S-2019-CVC

Page 2 of 6

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Isopropyl alcohol	67-63-0	72-74

4. FIRST AID MEASURES

FIRST AID MEASURES

General Advice	Show this safety data sheet to the doctor in attendance.
Eye Contact	If in eyes, rinse slowly and gently with water for 15–20 minutes. If present, remove contact lenses. Call a poison control center or doctor for further treatment advice.
Skin Contact	Not applicable.
Inhalation	Move to fresh air. If breathing problems develop, call a doctor.
Ingestion	Do not induce vomiting. Call a doctor or poison control center.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects - *See Section 11 for information.*

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

Dry chemical, carbon dioxide (CO₂), foam, or water spray.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Alcohol flames may not be readily visible. Vapors are heavier than air and may travel to source of ignition and flash back.

HAZARDOUS COMBUSTION PRODUCTS

Oxides of carbon.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand.
Keep containers cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal Precautions Ensure adequate ventilation. Use personal protective equipment as required. Eliminate all potential sources of ignition.
Take precautionary measures against static discharges.

ENVIRONMENTAL PRECAUTIONS

Environmental Precautions Prevent entry into surface water or sanitary sewers.
See Section 12 for additional ecological information.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods for Containment Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up Eliminate all potential sources of ignition, and ventilate area.
Absorb and containerize. Do not flush into surface water or sanitary sewer system.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Handling Handle in accordance with good industrial hygiene and safety practice. Keep away from heat, sparks, and flames. Do not eat, drink, or smoke when using this product. Conditions for safe storage, including any incompatibilities
Storage Store in accordance all applicable regulations and fire codes. Keep containers tightly closed in a cool, well-ventilated place away from heat, sparks, open flames, and hot surfaces.
Incompatible Products Oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl Alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m3	TWA: 400 ppm TWA: 980 mg/m3 STEL: 500 ppm STEL: 1225 mg/m3

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value
OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

APPROPRIATE ENGINEERING CONTROLS

Engineering Measures Showers, Eyewash stations, Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection None required for consumer use.
 If splashes are likely to occur, wear safety glasses.

Skin and Body Protection No special protective equipment required.

Respiratory Protection No protective equipment is needed under normal use conditions.
 If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Thin liquid
Appearance Clear
Odor Alcohol
Color Colorless
Odor Threshold No information available

Property	Values	Remarks/ Method
pH	5 - 7	None known
Melting/Freezing Point	No data available	None known
Boiling Point / Boiling Range	180°F	None known
Flash Point	18°C / 65°F	None known
Evaporation Rate	< 1	None known
Flammability (solid, gas)	No data available	None known
Flammability Upper Limits in Air	No data available	None known
Flammability Lower Limits in Air	No data available	None known
Vapor Pressure	30mm Hg 20°C	None known
Vapor Density	No data available	None known
Specific Gravity	~0.89	None known
Water Solubility	Complete	None known
Solubility in Other Solvents	No data available	None known
Partition Coefficient	No data available	None known
Auto Ignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Kinematic Viscosity	No data available	None known
Dynamic Viscosity	No data available	None known

10. STABILITY AND REACTIVITY

Reactivity	Stable.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	Vapors may form reactive mixture with air.
Conditions to Avoid	Keep away from heat, sparks, open flames, and hot surfaces.
Incompatible Materials	Strong oxidizers.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

Product Information

Inhalation	Inhalation of high concentrations of vapor or mist may cause dizziness.
Eye Contact	May cause slight irritation.
Skin Contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl alcohol 67-63-0	4.4 g/kg (Rat)	12.9 g/kg (Rabbit)	16000 (Rat, 8 h)

INFORMATION ON TOXICOLOGICAL EFFECTS

Symptoms	May cause slight redness and tearing of eyes.
Eco-toxicity	
Persistence and Degradability	No information available.

BIO-ACCUMULATION

Chemical Name	Partition Coefficient
Isopropyl Alcohol 67-63-0	0.05

OTHER ADVERSE EFFECTS

No information available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of in accordance with all applicable federal, state, and local regulations.

CONTAMINATED PACKAGING

Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations.

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S-2019-CV, S-2019-VCP, S-2019-CVC

Page 6 of 6

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14. TRANSPORT INFORMATION

DOT

UN/ID/NA number : UN 1219

Proper shipping name : ISOPROPANOL

Class : 3

Packing group : II

Labels : FLAMMABLE LIQUID

Limited Quantities for packages not over 1 Liter

Exempt DOT-SP 9275 for packages under 1 gallon

15. REGULATORY INFORMATION

Chemical Inventories

TSCA

All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

DSL/NDSL

All components are on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

16. OTHER INFORMATION

NFPA	Health Hazard	2	Flammability	3	Instability	0
HMIS	Health Hazard	2	Flammability	3	Physical Hazard	0

General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.